

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-125  
Relating to Certification of New Motor Vehicles

MAZDA MOTOR CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1991 model-year Mazda Motor Corporation exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MTK2.2V5FCHX Displacement: 2.2 Liters (133 Cu. Inches)  
Equipped with the following exhaust emission control systems:

Oxygen Sensor  
Three-Way Catalyst  
Multipoint Electronic Fuel Injection  
Exhaust Gas Recirculation

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the exhaust emission standards for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.39	7.0	0.4

The following are the certification exhaust emission values for this engine family:

<u>Hydrocarbons</u> <u>(Grams per Mile)</u>	<u>Carbon Monoxide</u> <u>(Grams per Mile)</u>	<u>Nitrogen Oxides</u> <u>(Grams per Mile)</u>
0.13	1.4	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (California Health and Safety Code Section 43205).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 13<sup>th</sup> day of June, 1990.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

199\_1 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET E.O.# A-16-125 Page   Manufacturer Mazda Motor Corporation Engine Family MTK2.2V5FCHXPass Cars X Lt-Duty Trucks    Med-Duty Vehicles    Fuel Type UnleadedEngine Type I-4 Liter (CID) 2.2 (133) Evaporative Family   Emission Control Sys. & Special Features TWC, EGR, OS, MPI  
(Use abbreviations per SAE J1930 Jun88)Engine: Front X Mid.    Rear    Drive: FWD X RWD    4WD-FT    4WD-PT   

Eng. Code/ (Cert. Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	ETW	RLHP	Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Parts No.
CF2-M	Mazda 626/ MX-6	M-5	3000	6.6	Distributor F285	EGR Control Valve  F203 20 300A	F202
CF2-MC				6.1			
				7.3			
				6.7			
CF2-A	Mazda 626	A-4	3125	6.6	Control Unit  F294 F2B5 F295 F2B6		
	Mazda MX-6		3000	6.1			
	Mazda MX-6						
CF2-AC	Mazda 626/ MX-6		3125	7.3			
	Mazda MX-6			6.7			
Cert.Std.:							
NMHC :0.39							
CO :7.0							
NOx :0.4							
Evap.:2.0							

Revisions:  
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